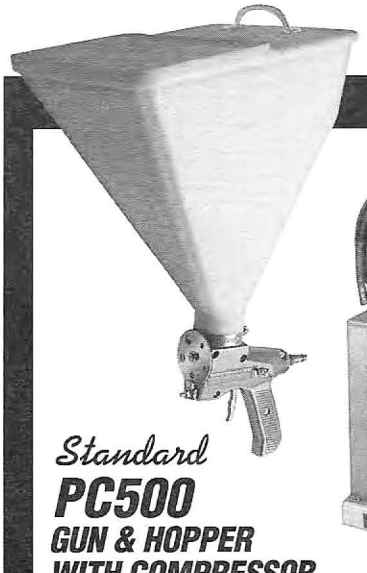
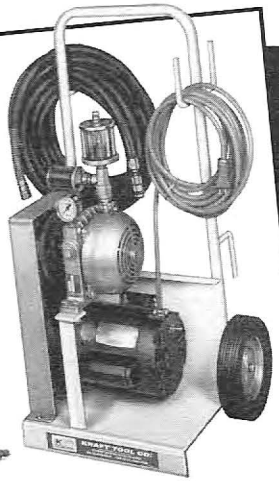
AAA Rent-All 225-291-1356

KRAFT TOOL CO.®

OPERATION & Parts List



Standard
PC500
GUN & HOPPER WITH COMPRESSOR



New!!!
Special orifice adjusting nut... for quick and easy orifice selection.

Super-Pro®
PC300
GUN & HOPPER WITH COMPRESSOR

- Large Hopper with easy to grip handle
- Unique Hopper Angle allows for greater volume of material
- Convenient Shut-off Valve
- Full Grip EZY Pull Trigger for less fatigue
  Made of Heavy-duty Bronze Alloy; twice as strong as aluminum.

TEXTURE MACHINES

Ideal for Spraying:

● Walls & Ceilings ● Fire Proofing
● Stucco ● Decking ● Waterproofing

Operating & Maintenance Instructions

Your Kraft Texture Machines are designed to spray a variety of texture coatings. Please read the following instructions before attempting to spray.

The Kraft #PC300 and #PC500 texture machines come with the following:

1. Gun & Hopper **2.** 50' of 1/2" air line with fittings **3.** Hose to compressor fittings **4.** Compressor assembly with cart

Assembly Instructions

Hose to Compressor

(1) *Remove plastic plug located at the front of compressor.* ***(See Figure #1)***

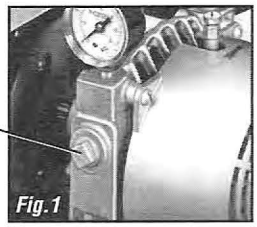


Fig.1

(See Figure #2)

(2) *Screw 1/2" all thread nipple into compressor.*
(3) *Screw "T" fitting into all thread nipple.*
(4) *Screw brass nipple into opposite end of "T".*
(5) *Screw relief valve into top side of "T".*
(6) *Connect air hose to brass fitting.*

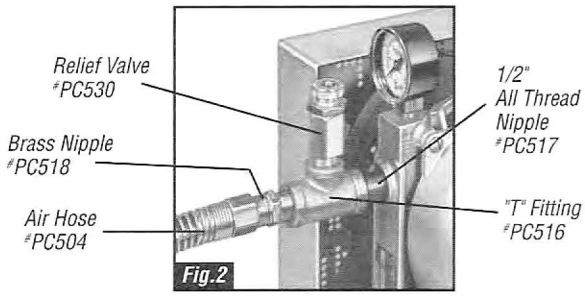


Fig.2

(7) *Air hose connects to gun with a quick disconnect fitting.* ***(See Figure #3)***

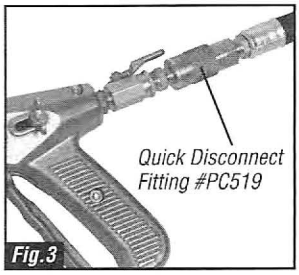


Fig.3

Spray Operation

The Kraft hopper has a special "Built in angle" which allows ceiling work without additional angle attachments.

After mixing, material is poured into the hopper. When the air line is connected to the gun, continuous air flows from the brass air tip. When the trigger is pulled, material mixed with the air flows through the orifice plate. When the trigger is released, material flow stops.

(Note: Trigger does not control air flow)

Continued page 2

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Operating & Maintenance Instructions

The type of material and the desired finish are important concerns in spraying. The following points are crucial to the type of spray pattern your gun will achieve.

(1) Material Consistency
Follow the material manufacturers instructions for correct consistency. A mix which is too stiff will not flow through the gun properly, resulting in irregular spray pattern.

NOTE: For best results, always mix texture material with a drill type mixer.

(2) Air Requirement
The Kraft compressor unit is rated at 6.2 CFM free air at 25 PSI.

(Note: If you are using your own compressor it must have an equivalent or larger capacity.)

The Kraft compressor is designed for continuous operation. There is no holding tank which builds reserve air. When the compressor is running, a continuous supply of air will flow through the gun.

(3) Pattern Adjustments

(A). Size of orifice plate opening
The orifice plate found at the front of the gun has (5) different size openings to choose from. The plate can be rotated by loosening the orifice plate nut and the orifice clamp nut. The size of opening will determine the amount of material flow when the trigger is squeezed. The more material allowed to flow from the gun, the more coarse the pattern. **(See Figure #4)**

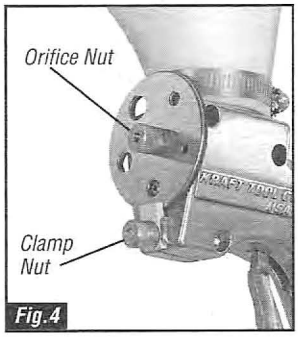

Fig.4

NOTE:
Orifice plate and air tip are preset at the factory for the most popular texture size.

(B). Air flow
The amount of air which reaches the gun is controlled by the relief valve located at the front of the compressor. When tightened all the way down, the compressor will deliver maximum air to the gun. (Compressor air gauge will read 17-22 PSI with 1/8" air tip, 25-28 PSI with 3/32" tip.) As the relief valve is backed off, air will bleed off through the top of the valve. This will decrease the amount of air which will reach the gun. The more air supplied to the gun the finer the pattern. As pressure decreases, the pattern will become coarse, reaching a splatter texture at about 5-10 PSI. **(See Figure #5)**

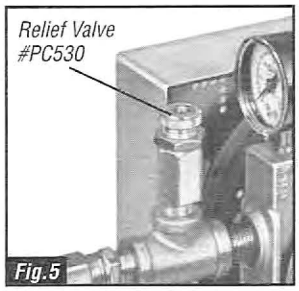

Fig.5

(C). Air Shut-Off Valve
The Kraft model **(PC300)** and **(PC301)** are supplied with an air shut-off valve at the rear of the gun. This valve should be used only with Tank Type Compressors. Using the shut-off valve with the Kraft rotary vane compressor is not recommended for the following reasons. **(See Figure #6)**

(a.) Blocking the air flow at the gun creates excessive back pressure at the compressor - resulting in premature wear.
(b.) High back pressure increases electrical current flow which may cause the circuit breaker or fuse to open.

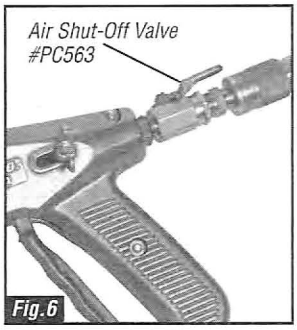

Fig.6

(D). Trigger Stop Adjustment
The trigger stop found on the side of the gun can also be used to control the amount of material flow. When the trigger stop is all the way toward the rear of the gun, trigger has maximum travel, allowing for maximum flow of material. As the trigger stop is moved toward the front of the gun, trigger travel and material flow is reduced. As mentioned before, the more material, the coarser the pattern. **(See Figure #7)**

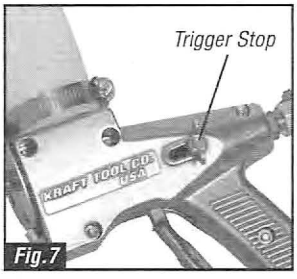

Fig.7

NOTE: It is recommended that you set your pattern on scrap material before spraying your finished product. By experimenting with the various adjustments, you should be able to obtain your desired texture.

Clean-up & Maintenance

It is not necessary to completely disassemble the gun after each spray operation. It is advisable to remove the gun from the hopper so that the bowl in the gun can be easily flushed with water.

After cleaning the gun, place a few drops of oil on the front bushing by turning the gun upside down, tilting the gun down and pulling back on the trigger. A couple of drops of oil on the air stem will help lubricate the front bushing. **(See Figure #8)**

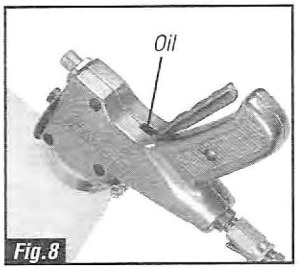

Fig.8

Next place a few drops of oil on the rear bushing by pushing the trigger stop all the way forward. A couple of drops of oil on the air stem will help lubricate the rear bushing.
(See Figure #9)

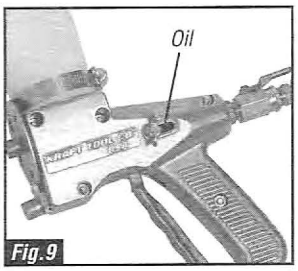

Fig.9

CAUTION:
When an extension cord is necessary, use at least 12 gauge cord, no longer than 100 ft. Extensions in excess of 100 ft. may cause voltage drops resulting in damage to the electric motor.

The electric motor on your compressor unit is covered by a one-year warranty by the original manufacturer. If motor problems develop, contact the nearest authorized service center. If the situation is not handled to your satisfaction, please let us know.

Oiling Instructions for Rotary Vane Compressor

Please follow these instructions before operating compressor:

(1) At the top of the compressor you will find the glass oiler assembly. Oil flows from this assembly into the compressor through a wick type feed. Only a small amount of oil is necessary to provide sufficient lubrication. **(See Figure #10)**

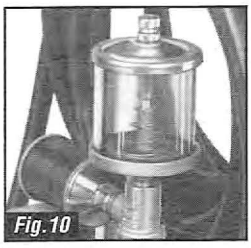
Fig.10

(2) To fill with oil, remove top portion of assembly by unscrewing hex nut. When filling with oil keep downward pressure on the glass to prevent leakage. Use only 20 or 30 wt. Detergent oil. It is only necessary to fill with 1/2" to 1" of oil.

CAUTION:
Overfilling will cause excessive lubrication and may result in malfunction.

(3) On each side of the compressor you will find oiler stems with silver caps. These carry oil to the shaft bearings. A few drops in each stem every 8 to 10 hours of operation will provide sufficient lubrication.
(See Figure #11)

CAUTION:
Do not fill stems with oil. Over oiling may result in malfunction.

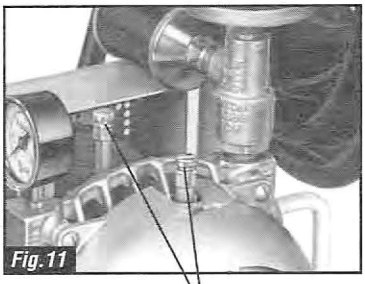
Fig.11

Oiler Stems

WARNING
Be safe, always wear safety goggles and filter mask while spraying.

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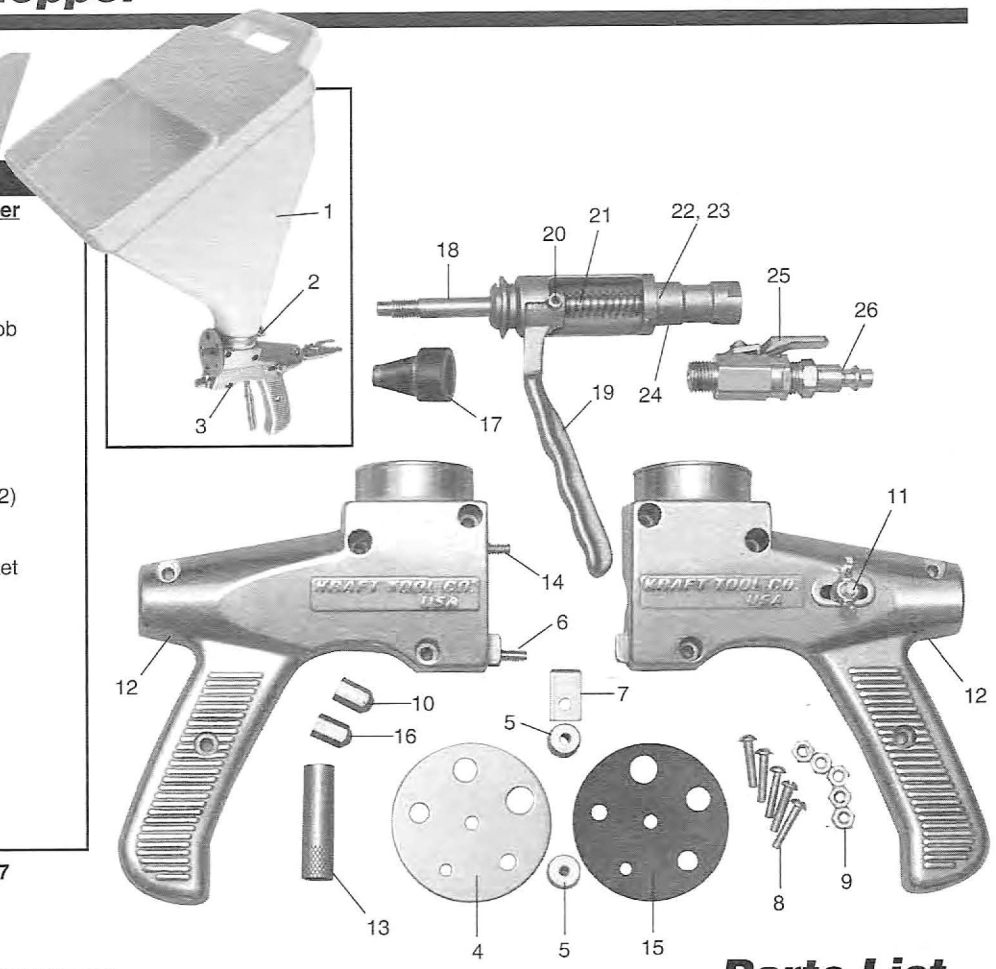
Super-Pro® Gun & Hopper — Parts List

PC301

Item	Part No.	Qty.	Description
—	PC301	1	**Super-Pro® Gun & Hopper**
1	PC559W	1	Hopper
2	PC560	1	Clamp
3	PC306	1	**Gun (Only)**
4	PC533	1	Orifice Plate
5	PC308	2	Brass Knurled Knob
6	PC541	1	Orifice Screw 3/4"
7	PC542	1	Orifice Clamp
8	PC580	5	8-32 x 3/4" Screw
9	PC581	5	8-32 Hex Nut
10	PC549	1	Air Tip 3/32"
11	PC550	1	Stop Lock
12	PC554	Pr.	Handle Castings (2)
13	PC556	1	Socket Tool
14	PC557	1	Orifice Screw 1/2"
15	PC561	1	Orifice Plate Gasket
16	PC548	1	Air Tip 1/8"
17	PC540	1	Rubber Seal
18	PC547	1	Air Stem
19	PC539B	1	Trigger (Bronze)
20	PC546	1	Set Screw
21	PC537	1	Spring
22	PC552	1	Flat Washer
23	PC553	1	Rear Seal
24	PC564	1	Bearing Frame
25	PC563	1	Shut-Off Valve
26	PC555	1	Quick Disconnect

Super-Pro® Gun Cylinder Repair Kit #PC307
(See back page)

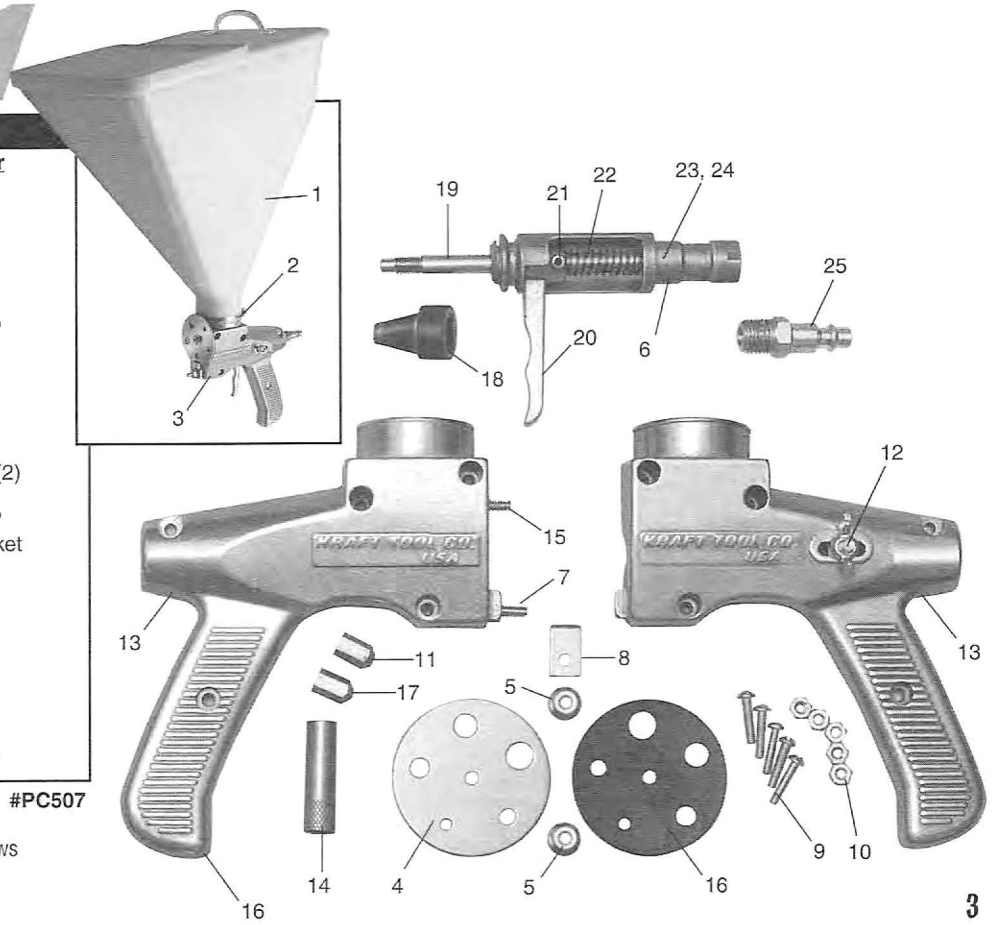


Standard Gun & Hopper — Parts List

PC501

Item	Part No.	Qty.	Description
—	PC501	1	**Standard Gun & Hopper**
1	PC559B	1	Hopper
2	PC560	1	Clamp
3	PC506	1	**Gun (Only)**
4	PC533	1	● Orifice Plate
5	PC536	2	● Orifice Nut
6	PC564	1	● Bearing Frame
7	PC541	1	● Orifice Screw 3/4"
8	PC542	1	● Orifice Clamp
9	PC580	5	● 8-32 x 3/4" Screw
10	PC581	5	● 8-32 Hex Nut
11	PC549	1	● Air Tip 3/32"
12	PC550	1	● Stop Lock
13	PC554	Pr.	Handle Castings (2)
14	PC556	1	● Socket Tool
15	PC557	1	● Orifice Screw 1/2"
16	PC561	1	● Orifice Plate Gasket
17	PC548	1	● Air Tip 1/8"
18	PC540	1	● Rubber Seal
19	PC547	1	● Air Stem
20	PC539	1	● Trigger
21	PC546	1	● Set Screw
22	PC537	1	● Spring
23	PC552	1	● Flat Washer
24	PC553	1	● Rear Seal
25	PC555	1	● Quick Disconnect

● **Denotes parts in Standard Gun Repair Kit #PC507**
PLUS additional screws for old style gun:
(2) 1/2" screws, (1) 3/4" screw and (2) 1" screws



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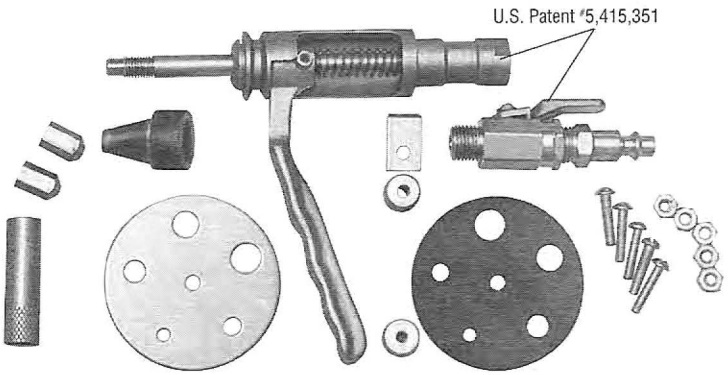
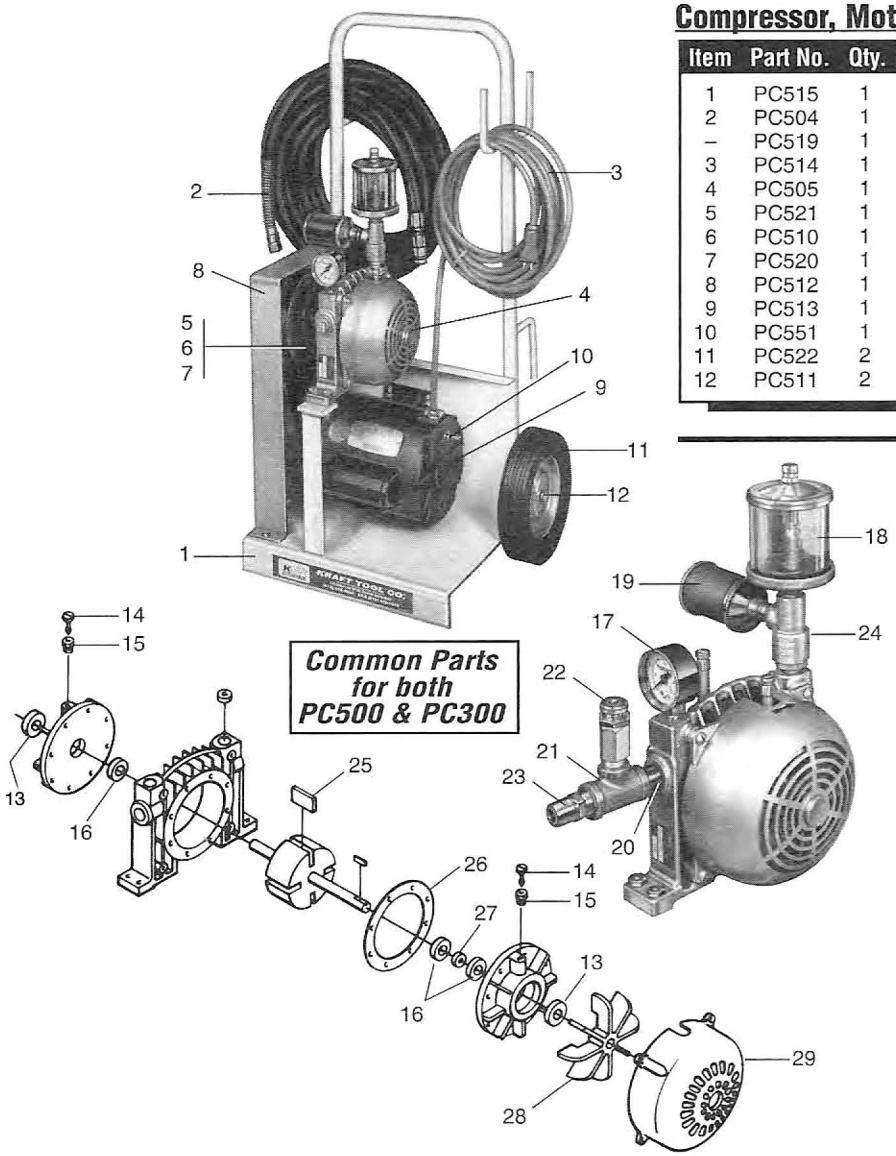
Super-Pro® Gun & Hopper — Parts List



Super-Pro® Gun Cylinder (PC307) Repair Kit

Qty	Description	Qty	Description
1	Orifice Plate	1	Air Tip 1/8"
2	Brass Knurled Knob	1	Rubber Seal
1	Orifice Screw 3/4"	1	Air Stem
1	Orifice Clamp	1	Trigger (Bronze)
5	8-32 x 3/4" Screw	1	Set Screw
5	8-32 Hex Nut	1	Spring
1	Air Tip 3/32"	1	Flat Washer
1	Stop Lock	1	Rear Seal
1	Socket Tool	1	Bearing Frame
1	Orifice Screw 1/2"	1	Shut-Off Valve
1	Orifice Plate Gasket	1	Quick Disconnect
2	Screw 1/2" *old style gun*		
1	Screw 3/4" *old style gun*		
2	Screw 1" *old style gun*		



Compressor, Motor & Cart

Item	Part No.	Qty.	Description
1	PC515	1	Frame
2	PC504	1	Air Hose Assembly
–	PC519	1	Quick Disconnect Fitting
3	PC514	1	Power Cord
4	PC505	1	Compressor Assembly
5	PC521	1	Compressor Pulley
6	PC510	1	"V" Belt
7	PC520	1	Motor Pulley
8	PC512	1	Belt Guard
9	PC513	1	Motor Assembly with Switch
10	PC551	1	Motor Switch (Only)
11	PC522	2	Wheel
12	PC511	2	"C" Washer

Compressor Assembly PC505

Item	Part No.	Qty.	Description
13	PC572	2	● Shaft Seal
14	PC528	2	Oiler Cap
15	PC571	2	Oiler Tube
16	PC573	3	● Bearing
17	PC526	1	Gauge
18	PC523	1	Oiler Assembly
–	PC575	1	● Feed Wick
–	PC566	1	Oiler Gasket
–	PC567	1	Oiler Glass
19	PC524	1	Filter Assembly
–	PC565	1	End Cap
–	PC525	1	● Filter Element
20	PC517	1	1/2" Close Nipple
21	PC516	1	1/2"x1/2"x3/8" "T"
22	PC530	1	Relief Valve
23	PC518	1	Brass Nipple
24	PC527	1	Pressure Lubricator
–	PC570	1	Lubricator Coupler
25	PC531	4	● Vanes (Set of 4)
26	PC568	1	● Body Spacer
27	PC574	1	● Bearing Spacer
28	PC529A	1	Fan
29	PC529	1	Fan Cover

● **Denotes parts in Compressor Repair Kit #PC532**

NOTE: (1) PC562 (45 degree elbow adaptor for gun not shown).

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